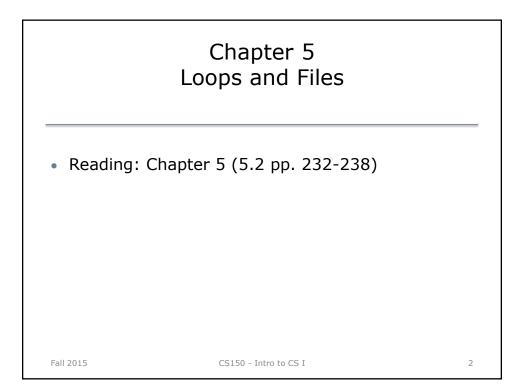
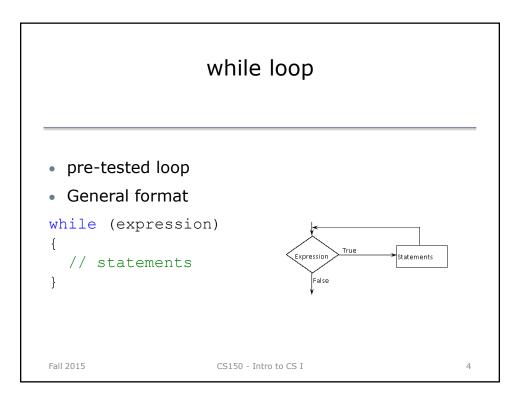
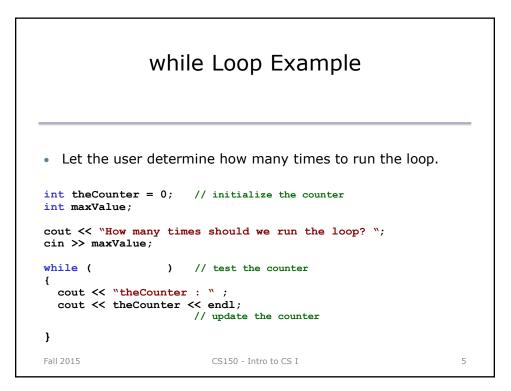
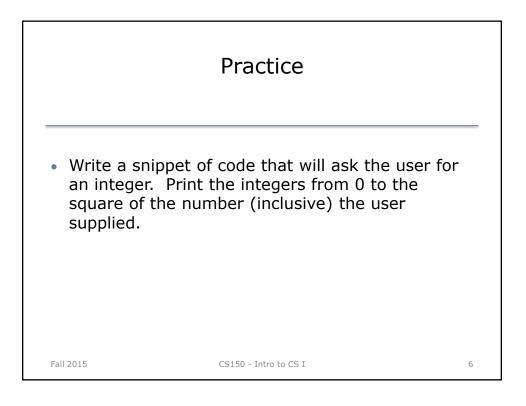
| CS | S150 Intro to CS I | |
|-----------|-----------------------|---|
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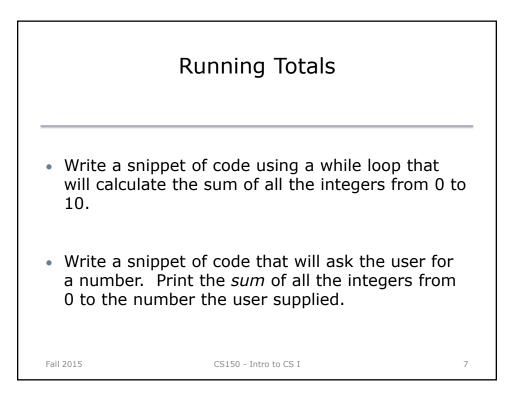


| Loops | |
|---|---|
| A loop is a section of code that repeats C++ has three looping control structures: while for do-while The difference in these structures is how the repetition is controlled | |
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| | Example | |
|---|---|-----------|
| How many incl const int DAYS_IN int currentDay = double totalRain double currentRai | I; // initialize th = 0.0; // initialize t | e counter |
| <pre>{ cout << "How much cin >> currentRai</pre> | <pre>r <= DAYS_IN_A_WEEK) // test the rain fell on day " << currentDay -</pre> | |
| <pre>} cout << "The total</pre> | <pre>rrentDay + 1; // update the l rainfall last week was ``; setprecision(2) << totalRain;</pre> | counter |
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| Write a snippet of code that will ask the user for a number. Print the sum of all the even numbers from 0 to the square of the number the user supplied. | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |

| | Practice | | | |
|--|--|----|--|--|
| Write a snippet of code that will ask the user for an integer. Print all the integers from 0 to the number the user supplied as well as the running total of the integers. | | | | |
| Enter a nu counter ru 0 1 2 3 | umber: 3 Inning total 0 1 3 6 | | | |
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| | Practice | | | |
|--|---|----|--|--|
| student's ex | pet of code that will ask for a am score and then print the letter grade (A,B,C,D,F). | | | |
| Continue asking for exam scores and printing letter grades until the user enters a negative exam score | | | | |
| <pre>double examScore;</pre> | | | | |
| | | | | |
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